

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 389   | 239/588.ccls.  | USPAT;<br>EPO; JPO;<br>DERWENT                                    | OR               | ON      | 2006/07/27 17:35 |
| L2    | 560   | 239/588.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/07/27 17:39 |
| L3    | 12018 | 210/232,236,238,282,287,459,460,<br>461,462,449,435,350.ccls. or 4/596,<br>615,678,286,288,299.ccls. or<br>239/553,537,538,553.3,553.5,587.<br>4,587.1.ccls. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/07/27 17:41 |
| L4    | 725   | (filter and ((pivotable or (ball near<br>joint)) and ((flexible or resilient or<br>pliable)) same (flange or rib or<br>protrusion)))                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 17:52 |
| L5    | 12    | 3 and 4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 17:45 |
| L6    | 821   | 210/460  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 17:45 |
| L7    | 1086  | 210/460.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 17:45 |
| L8    | 1165  | (filter and ((pivotable or (ball near<br>joint)) and ((flexible or resilient or<br>pliable)) same (coupling or flange<br>or rib or protrusion)))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 17:52 |
| L9    | 1885  | (filter and ((pivotable or (ball near<br>joint)) and ((flexible or resilient or<br>pliable)) same (wall or coupling or<br>flange or rib or protrusion)))     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 17:57 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L10 | 27   | 3 and 9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 17:53 |
| L11 | 1194 | (filter and ((swiv\$4 or pivot\$4 or ball) near (element or joint)) and ((flexible or resilient or pliable) same (wall or coupling or flange or rib or protrusion))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 17:59 |
| L12 | 20   | 3 and 11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 17:59 |

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 81   | (shower and filter).clm. and "210".clas.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/07/27 13:38 |
| S2    | 42   | (shower and filt\$6).ti.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/07/13 10:33 |
| S3    | 219  | (shower and filt\$6).ti.   | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | OR               | ON      | 2006/07/13 10:33 |
| S4    | 0    | (shower and filter and ((pivot or (ball near joint)) same ((flexible or resilient or pliable)) adj (flange or rib or protrusion))) | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/07/27 13:40 |
| S5    | 0    | (shower and filter and ((pivot or (ball near joint)) same ((flexible or resilient or pliable)) adj (flange or rib or protrusion))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 13:40 |
| S6    | 0    | (shower and filter and ((pivot or (ball near joint)) and ((flexible or resilient or pliable)) adj (flange or rib or protrusion)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 13:40 |
| S7    | 36   | (shower and filter and ((pivot or (ball near joint)) and ((flexible or resilient or pliable)) same (flange or rib or protrusion))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 14:48 |
| S8    | 725  | (filter and ((pivotable or (ball near joint)) and ((flexible or resilient or pliable)) same (flange or rib or protrusion)))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 14:02 |
| S9    | 18   | S8 and "239".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 13:53 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S10 | 34   | S8 and "210".clas.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 13:53 |
| S11 | 0    | (filter and ((pivot\$4 or ball) near (element or joint)) same ((flexible or resilient or pliable) adj (flange or rib or protrusion)))                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 14:04 |
| S12 | 11   | (filter and ((pivot\$4 or ball) near (element or joint)) and ((flexible or resilient or pliable) same (portion or flange or rib or protrusion))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 14:07 |
| S13 | 2885 | (filter and ((flexible or resilient or pliable) same (portion or flange or rib or protrusion))).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 14:07 |
| S14 | 1090 | (filter and ((flexible or resilient or pliable) same (portion or flange or rib or protrusion)) and (retain\$3 or hold\$3)).clm.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 14:08 |
| S15 | 246  | S14 and "210".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 14:47 |
| S16 | 27   | S14 and "239".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 14:09 |
| S17 | 1    | ((shower same filter) and ((pivot or ball) near joint)).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 14:49 |

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|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S18 | 3  | ((shower same filter) and ((pivot\$4 or ball) near (element or joint or connect\$4))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 14:58 |
| S19 | 87 | ((water same filter) and ((pivot\$4 or ball) near (element or joint or connect\$4))).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/27 14:58 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S12   | 11   | (filter and ((pivot\$4 or ball) near (element or joint)) and ((flexible or resilient or pliable) same (portion or flange or rib or protrusion))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/27 14:07 |

*Interference Search 7/27/06 JKim*